

ABSTRACT

5 A flow control valve includes a main body 1, bonnet
2, spring receiving portion 3, piston 4, spring 24, first
diaphragm 27, first valve member 5, second valve member 6
and base plate 7, wherein an opening area of a hydraulic
control portion composed of a valve element of the second
valve member and a valve seat of the main body is changed
according to a motion of the piston.